



## Natural latex based peelable solder mask

### Description:

The Interflux<sup>®</sup> **IF 710** peelable solder mask is a natural latex based, temporary solder masking material.

It is typically being used in wave soldering applications where a part of the board needs to be protected from wave contact, e.g. for cases where a component is temporarily unavailable and needs to be soldered afterwards by hand or selective soldering.

IF 710 has good adhesion, quick drying times and high tensile strength after processing for easy removal.

The cured product is compatible with virtually all fluxes and cleaning agents.

When using the product on bare Cu or Cu/OSP, it might give a discolouration of the Cu.

When the intended use is other than applying IF 710 on a PCB surface, always check the compatibility of IF 710 and the materials it will be in contact with.



*Products pictured may differ from the product delivered*



## Key properties

- Suitable for lead-free soldering up to 266°C
- Good adhesion
- Quick drying
- High tensile strength when cured
- Easy removal

## Physical and chemical properties

Specific density	1.091 g/ml ± 0.05
Appearance	white viscous liquid
Odour	slightly like ammonia
Solid content	± 60%
Viscosity	25 - 35 kcps
Dilution	DI water



## Applying and curing

The product is squeezed out of the bottle onto the areas that need to be covered. It can also be applied by stencil printing or dispensing. The product's viscosity can be lowered by diluting it with DI water. This however might influence curing times. The uncured product can be removed with DI water. The thickness of the layer that is being applied, has a large influence on the curing times. In general this is 0,5 mm to 1mm. General curing time at room temperature is about one hour. Curing times can be accelerated with temperature e.g. 15min @ 80°C. The product should not exceed 266°C in the process. It is not advisable to process the product without previous curing.

## Handling

### Storage

IF 710 has a shelf life of 6 months when stored in original containers at ambient temperatures (min. 5°C - max. 32°C). Avoid temperatures below 5°C.

### Safety

Please always consult the safety datasheet of the product.

## Packaging

IF 710 is available in a 250ml squeezable bottle.

Trade name: IF 710 Peelable Soldermask

### **Disclaimer**

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